From owner-qrp-l@netcom.com Mon Feb 27 21:44:57 1995
Date: Mon, 27 Feb 1995 13:25:34 -0800
Message-Id: <199502272125.NAA28774@mail2.netcom.com>
From: "Ted Kell" <kell@mpac.jsc.nasa.gov>
Subject: Re: "History of QRP in the US 1924 - 1960"

In message <950225150133.22451de7@carib.vf.mmc.com> writes:
> Deinis, i wish I knew where you could get the "History of QRP..."
> Judging by the comments so far in this thread, lots of inquiring minds want
> to
> know...
>
> Stay tuned.
>
> Good luck and 72/73,
>

Too many times has this question been asked with no apparent response.

Try Adrian Weiss
526 N. Dakota
Vermillion, SD 57069

Enclose $14.00 and ask for the History....

73

Ted Kell   (kell@mpac.jsc.nasa.gov)

From owner-qrp-l@netcom.com Mon Feb 27 12:26:47 1995
Subject: 30 meter activity session
From: brian.carling@acenet.com (Brian Carling)
Message-Id: <2a6.12342.500@acenet.com>
Date: Mon, 27 Feb 1995 07:37:00 -0500

>From: brian.carling@acenet.com

ST>.CWRU.Edu>

I'm not sure who this is addressed to since you didn't specify
and the BBS software here addresses all Newsgroup mail to
BRIAN CARLING....however:

ST>I was thinking about more of a one-shot deal, but sure, that sounds

ST>good. I can't do it this weekend, though. How about picking a
ST>weekend in one or two weeks, so people can finagle their schedules
ST>if needed?

ST>   Stephen

Stephen, I've checked 10.130 and 10.140 and they are BOTH bad
frequencies for digital QRM. We would do the best by using 10.135 as the
center frequency for the QRP activity period there on 30 meters.

How about we start next weekend guys on SUNDAY from 1900 to 2200 UTC
Sign your callsign /QRP and make the QSOs short but meaningful.

I'll be there...
Best QRP contacts lately from here at AF4K:

DATE	TIME	BAND	CALL	RST SENT/RCVD	MY PWR	HIS PWR & QTH
Feb 6	0017	80	KN4OA	579 / 549	5 watts	?/Nashville TN
"	2119	40	KB8VFH	589 / 569	3 watts	Columbus, OH
Feb 9	0150	40	K5ZTY	449 / 339	5 watts	Houston, TX
Feb 20	0105	80	W3HSN	599 / 569	5 watts	Bluebell, PA
Feb 20	0120	80	VE2KN	549 / 559	5 watts	2W/Montreal
Feb 25	1657	40	VE3UN	539c/ 589	5 watts	Toronto
Feb 25	1716	40	NT3U	589 / 449	5 watts	Pittsburg, PA
Feb 26	1554	40	WA8YPY	579 / 559	5 watts	Michigan
"	1603	40	N4HF	599 / 559	1 watt	Arlington, VA
"	1615	40	WB2AIW	589 / 559	1 watt	4W/Lockport, NY
"	1638	40	W2ZM	556c/ N/A	1 watt	AWA contest
"	1646	40	K2LP	559 / N/A	0.5 watt	AWA contest
"	1649	40	K2IC	579 / N/A	0.5 watt	AWA contest
"	1653	40	W1AQS	539 / 539	0.5 watt	New Bedford, MA
"	1710	20	KJ5TF	539 / 559	5 watts	0.5 watt IC chip xmtr! Ozark, AR

SO guys you can see that I am edging closer to being a QRP purist (!)
The rig is a Kenwood TS430s / MFJ-949D to an end fed 128 foot wire up
12-15 feet high.

72 de AF4K in Gaithersburg, MD
brian.carling@acenet.com

 ~ SLMR 2.1a ~ Practice DELIBERATE kindness and unselfish acts of love!

From owner-qrp-l@netcom.com Mon Feb 27 18:06:01 1995
Date: Mon, 27 Feb 95 14:52:10 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)

Message-Id: <9502272052.AA28680@chuck.dallas.sgi.com>
Subject: 30M

Gang,

10.116 is the recommended QRP calling freq on 30M.
10.106 was the QRP ARCI recommended freq and probably
still is, but the European QRP clubs have recommended
10.116MHz as the freq of choice due to their conditions
with BC interference.

Moving to 10.135 will further confuse the issue INMHO.

How about 10.116MHz. I'll try to get the NorTex group
on the air on this frequency at 1300Z Saturday until
1500Z from Dallas TX. See you there.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Mon Feb 27 22:44:32 1995
Date: Mon, 27 Feb 1995 17:24:07 -0600 (MDT)
From: Steve Henry <steveh@linden.fortnet.org>
Subject: Re: 30M
Message-Id: <Pine.3.89.9502271719.A12548-0100000@linden.fortnet.org>

To all interested in 30M "standard" QRP frequency for Net, contests, etc.:

NN1G's 30-40 kit which I assume is fairly popular covers
approximately from 10.101 to 10.125 MHz. It might be
best to stick in this range to include the most possible
QRP'rs interested in participating. How about 10.116?

'72

Steve Henry
AA0VB

From owner-qrp-l@netcom.com Mon Feb 27 23:50:58 1995
Date: Mon, 27 Feb 1995 22:39:19 -0330 (NST)
From: Bob Gobrick VO1DRB/WA6ERB <bgobrick@terra.nlnet.nf.ca>

Subject: Re: 30M
Message-Id: <Pine.OSF.3.91.950227223620.29177E-100000@terra.nlnet.nf.ca>

For the frequent 30 meter users I would second Chucks choice of 10.116 to hang out at with maybe 10.123 (NW QRP freq) second. 10.106 always has some interference and above 10.130 is only trouble - from the digital modes (TORs etc). 30 meters is so underutilized that there is no need to think it is 40 meters where you are always feel "squeezed" in.

72 Bob VO1DRB/WA6ERB
On Mon, 27 Feb
1995, chuck adams wrote:

>
> Gang,
>
> 10.116 is the recommended QRP calling freq on 30M.
> 10.106 was the QRP ARCI recommended freq and probably
> still is, but the European QRP clubs have recommended
> 10.116MHz as the freq of choice due to their conditions
> with BC interference.
>
> Moving to 10.135 will further confuse the issue INMHO.
>
> How about 10.116MHz. I'll try to get the NorTex group
> on the air on this frequency at 1300Z Saturday until
> 1500Z from Dallas TX. See you there.
>
> dit dit
>
> Chuck Adams K5FO CP-60 adams@sgi.com
>
>

Bob Gobrick VO1DRB/WA6ERB/VE2DRB Newfoundland, Canada

QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet: bgobrick@terra.nlnet.nf.ca
           rgobrick@public.compusult.nf.ca

Compuserve: 70466.1405@compuserve.com

From owner-qrp-l@netcom.com Mon Feb 27 23:33:46 1995

Date: Mon, 27 Feb 1995 19:25:26 -0500 (EST)
From: Mark D Jarmuz <jarmuz@acsu.buffalo.edu>
Subject: a big tnx!!!!!!!!
Message-Id: <Pine.3.89.9502271937.A19399-0100000@orichalc.acsu.buffalo.edu>

hi gang,

just want to thank everyone who welcomed me aboard i-net. a special thanks to a couple of hams that called me a rich republican cause i own an argonaut II, hi hi... i had to sell my ts130se for $600 and add the difference, but it was worth it. got it after tentec got all the bugs out of the earlier models(so far it hasn't given me any problems). again tnx to all-lets get the fox.... low power is the ultimate!!!!!!!!

dave,
aa2pf

From owner-qrp-l@netcom.com Mon Feb 27 19:26:02 1995
Date: Mon, 27 Feb 1995 12:02:52 -0500
From: Dan Puckett <af045@DAYTON.WRIGHT.EDU>
Subject: Dayton
Message-Id: <9502271702.AA08160@dayton.wright.edu>

jerry, n3rkd said

> I am planning to go to dayton this year and need to get info
> as to what are the must see, must do, don't see, don't do there
> from the more experienced hams who have been to dayton before.

> specific questions,
> does the parking there fill up real quick ? what time should I
> be there ?

I was going to respond directly to Jerry and not burn up bandwidth, but I thought all newcomers to the Dayton experience could benefit from my wisdom (:-}).

HamVention is held at a place called Hara Arena. Almost all of the arena's parking spaces are taken up by the flea market (acres and acres of lovely flea market). The rest are reserved for the arena staff, HamVention staff, vendors and handicap parking. There is some parking in the neighborhood of the arena. For a price. Last year I believe it was $5 a day. This does fill quickly, especially on Saturday. There is, however, a ton of FREE parking scattered around the Dayton area. I usually park at a local shopping mall. There is a FREE shuttle bus to the show and back. If you want to take advantage of this, but don't know where to go to park, try checking into a repeater. We locals

are generally friendly and know where the parking areas are. 146.94 is the official talk-in frequency.

  As I understand it, this year there will be shuttle service to some of the major (and not so major) motels in the area for a small fee. Check with your motel to see if this service is offered.

   What time should you be there? The doors to the Flea Market open at 8:00 am EST, Friday. That sounds like a good time to me.

I hope this helps, 73

Dan, WD8AAU

From owner-qrp-l@netcom.com Mon Feb 27 22:18:13 1995
Message-Id: <9502272204.AB01154@romulus.cray.com>
Date: Mon, 27 Feb 1995 17:02:17 -0600
From: acl@romulus.cray.com (Archie Lamb)
Subject: DSP filters?

>I want to puchase a DSP filter and I'm thinking about the Timewave Technology's 59+ or the MFJ-784 super Dp filter.
>
>thanks....mike KC1HD
>
I have the 59 (and have checked into what it would take to upgrade to the 59+ - only $100 + my old unit. A pretty good deal!).

The real question is how does it perform compared to others on the market? I can't answer that one. I've had my 59 for about 12 to 15 monthes. No problems whatsoever! I use it all the time on CW. You need to read all the articles and hints that have been published to get maximum benefit from the unit. Input level is important. Receiver AGC pulling from adjacent channel interference gives some real interresting results sometimes. A good AGC and a fairly good filter ahead of the DSP makes life really nice. I have seen virtually inreadable signals either from QRN or QRM come right out to be almost Q5 signals. I've worked in electronics as an RF / analog design engineer for over 25 years. This technology has produced the most valuable piece of equipment for me personally than any other I have seen in 25 years. I understand the theory (but I have for lots of other whiz-bang wonders), this thing (a DSP filter) is nearly magic when you use it on the air! I've bought a lot of "accessories" over the years - I wish 10% of them made as much difference as this one has!

I'm not just blowing the horn for Time Wave (they are good guys over the phone and seem to produce a good product). I really believe that short of

part failures and or unfortunate circumstances, almost any one of the DSP units can make a big difference to you. There are some caveates and requirements for your receiver though! These things won't fix a marginal receiver.

(I don't mean to sound like an evangalist)

Archie

From owner-qrp-l@netcom.com Mon Feb 27 13:23:14 1995
Date: Mon, 27 Feb 1995 07:19:47 -0500 (EST)
From: CEBIK@utkvx.utk.edu
Subject: Re: Enclosures, Lettering, & Painting
Message-Id: <Pine.3.89.9502270756.A545377347-0100000@utkvx.utk.edu>

Gary,

I have used Kylon for years (decades??) and some Rustoleum, along with other less-well-known brands (so much less, that I cannot rmemeber their names. No chipping problems, even with thin aluminum that flexes. Here are my guesses why my paint stays:

1. Never hit a panel with a hammer after painting.
2. I prepare the panels by cleaning them (SOS/Brillo/shop soap and water, dry over heat vent overnight).
3. I scour them with steel wool, using shop grades 00 or finer (0000). THat gives minute groves for the pain to settle in and adhere.
4. I use many very fine coats, on each never letting the spray hit the same area twice.
5. I use washers on all control nuts: the nut scrapes the washer, but it just presses the pain. Where a threaded shaft is too short, I tighten from the inside.
6. When finished, I lock everything in a safe to prevent human contact.

Hope something here is useful.
-73-
LB, W4RNL

From owner-qrp-l@netcom.com Mon Feb 27 12:06:50 1995
From: RobCap@aol.com
Date: Mon, 27 Feb 1995 09:23:42 -0500
Message-Id: <950227092340_33585066@aol.com>
Subject: Field Day

Field Day is the last rainy weekend in June.

73,

Rob, WA3ULH

From owner-qrp-l@netcom.com Mon Feb 27 03:51:41 1995
Date: Sun, 26 Feb 1995 21:56:19 -0500
Message-Id: <199502270256.AA07842@yfn2.ysu.edu>
From: ah301@yfn.ysu.edu (Jerry Sy)
Subject: got my extra, so I am going to dayton !

passed my 20wpm on first try yesterday (2 tries on 13wpm) so
I am now a temporary Extra.

and I am going to Dayton this year. I joined a package tour
here costing $125 for friday-sunday at Dayton, includes hotel
and transportation.

question:
where can I find qrp-l people ?
is there a list of qrp-l people going to dayton ?
where exactly is this Days Inn everybody is talking about ?
is this where all qrp-l people are staying ?
Is the QRP+ rig going to be available there ?

is there an activity for qrp-l people ? if so, pse let me know.

this is going to be my first trip to dayton hamvention.

tnx es 73
de n3rkd jerry

BIN HAM FER 13 MOS.

From owner-qrp-l@netcom.com Mon Feb 27 22:47:09 1995
Date: Mon, 27 Feb 1995 19:55:31 GMT
From: Goran Hosinsky <goran@royac.iac.es>
Message-Id: <9502271955.AA03517@royac4.royac.iac.es>
Subject: Hamcalc 9.3

Hi Gang,
The Hamcalc program is available in version 9.3. You can get it
direct from the autor:
George Murph VE3ERP
77 McKenzie St.

Orillia ON   L3V 6A6
tel 705 - 326 9612

73 Goran ea8yu

From owner-qrp-l@netcom.com Mon Feb 27 15:25:51 1995
From: Bill Northup <northup@sw.stratus.com>
Message-Id: <199502271451.JAA00615@blackdog.sw.stratus.com>
Subject: Hi ++
Date: Mon, 27 Feb 1995 09:51:55 -0500 (EST)

I don't like to give up once I get started. This week I went away for a few minutes because I have been having trouble with an Astron 35 power supply that is having a major problem with is current sense. Every once in a while it will just turn its self off and that is what it did just after my first try at the fox this week. I always keep my shack ready to run off of battery so all I had to do was swap the power cable and I was back.

This week was strange in that the place where the fox parked I had a very low noise level so I could hear everyone well. By the time I was able to connect the noise was back to an S9 level.

After having a hard time getting the fox on 80m I borrowed an antenna analyzer and my 80 meter dipole is tune just the way I expected, so most of my problem must be location and its relationship with the fox(s). I have found that my 40 meter dipole is really messed up so I need to want for all this funny white snow to go away and get that one fixed.

Bill

--

Bill Northup	PHONE:	(508) 460-2085
Stratus Computer Inc.	INTERNET:	northup@sw.stratus.com
55 Fairbanks Boulevard	Amateur Radio:	N1QPR
Marlboro, MA 01752	QRP-NE #307	

From owner-qrp-l@netcom.com Mon Feb 27 22:13:05 1995
From: Byron8LCZ@aol.com
Date: Mon, 27 Feb 1995 16:59:51 -0500
Message-Id: <950227165951_34006697@aol.com>
Subject: Inet QRP QSO Party 30m

The Internet QRP QSO Party on 30 Meters:

The 10.135 to 10.145 Mhz sounds like a good place to meet, for QRP, from 2000z to 2300z, on Sat and Sun afternoons. Lets try if for a few weeks and see how it works out. C U there.

72.00000000, Byron WA8LCZ

From owner-qrp-l@netcom.com Tue Feb 28 01:17:30 1995
From: N5EM@aol.com
Date: Mon, 27 Feb 1995 17:47:14 -0500
Message-Id: <950227174714_34057224@aol.com>
Subject: Re: Interesting Internet Comm...

Smitty,

Take heart. All is not so bad. If you went to Dayton, you'ld have to decide between the awesome, everyone-whos-anyone-will-be-there once-a-year-only, giant QRP banquet and the Dayton Hamvention Banquet with Cliff Stoll. See, what a terrible decision you would have had to make if you were going.

Glad I could help.

72/73

Ed Manuel - N5EM
n5em@aol.com
Houston, Texas

QRP - Its a state of mind, not just a power level.

QRP ARCI #4914, G-QRP #1243, NORCAL #498

From owner-qrp-l@netcom.com Mon Feb 27 16:02:37 1995
From: LVE1@inel.gov
Message-Id: <9502271935.AA08512@garnet.inel.gov>
Date: Mon, 27 Feb 1995 12:36:56 -0700
Subject: Interesting Internet Comments

The following is reprinted from AMATEUR RADIO NEWSLINE:

HACKER TRACKER TO SPEAK IN DAYTON

On a lighter note, word that computer hacker tracker Cliff Stoll, K7TA is making a return appearance at the Dayton Hamvention. Stoll, author of the best selling book The Cuckoo's Egg and the soon to be released Silicon Snake Oil will return as the featured speaker for the 1995 Dayton Hamvention Grand Banquet.

Stoll wowed the Hamvention banquet audience two years ago with his dynamic and often irreverent discourse on tracking down spies on the Internet. This time around, K7TA will talk about the hype, superhype and megahype surrounding the Internet which many are trying to sell as Americas electronic superhighway.

Cliff's theme this time around is simple. He says that the Internet may be the great digital frontier, but it's a land without a soul and will never replace ham radio.

The Hamvention Banquet will be held Saturday evening April 29th at the Downtown Dayton Convention Center. For ticket information call Dayton Hamvention (513) 276-6930 and press the number 6 once you get an answer.

(* * * Newsline Copyright 1995 all rights are reserved. * * *)

If you have never been to a talk by Cliff, you have really missed something!! (Glad to learn that the internet is not replacing ham radio after all... was beginng to wonder after all the activity on this list and the current hype in QST!)

"Any opinions expressed herein are my own and probably do not agree with those of my employer, the U.S. Government or my spouse"

--... ...--

Larry V. East (W1HUE)
Idaho Falls, ID
e-mail: LVE1@inel.gov
Packet: W1HUE@WT7B.ID.USA.NOAM
work: (208) 533-4005 home: (208) 529-2162

From owner-qrp-l@netcom.com Mon Feb 27 17:47:31 1995
Date: Mon, 27 Feb 1995 12:58:02 -0800 (PST)
From: H Smith <hbs@crl.com>
Subject: Re: Interesting Internet Comments
Message-Id: <Pine.SUN.3.91.950227125405.8052B-100000@crl4.crl.com>

I have been lamenting over the fact that I can not go to Dayton and meet up with the qrp folks.

Now you tell me that Cliff Stoll is going to be speaking!

Woe is me

WOE IS ME :-(

Im going home tonight and sniff some burning solder.

Smitty, NA5K

Henry Smith (hbs@crl.com)

From owner-qrp-l@netcom.com Mon Feb 27 18:48:30 1995
From: JEVERHART@cayman.VF.MMC.COM
Date: Mon, 27 Feb 1995 11:15:17 -0500 (EST)
Message-Id: <950227111517.22e0124e@carib.vf.mmc.com>
Subject: Re: Last 79er Evening

Ted,

Lord willin' and the creeks don't rise I,ll be there too!

BTW, you might want to resend the message. Your address for qrp-l is
miss-spelled. Of course your daemon probably already told you that!

> Date: Mon, 27 Feb 1995 10:51:01 +0500
> From: teda@meaddata.com (Ted Albert)
> Message-Id: <9502271551.AA02455@rain.meaddata.com>
> To: JEVERHART@cayman.VF.MMC.COM
> Subject: Re: Last 79er Evening
> Cc: qrp-l@betcom.com
            ^
> X-Sun-Charset: US-ASCII
> Content-Length: 192>

>
>> Ted, great idea! I'd love to keep going on 3579+/-.
>>
>
> I will be on this Thursday at 9PM EST with the homebrew 1 watt rig looking
> for contacts. Hope others do the same.
>
> 73 de Ted, KF8EE

72/73,

Joe E. N2CX

From owner-qrp-l@netcom.com Mon Feb 27 19:14:06 1995
From: RobCap@aol.com
Date: Mon, 27 Feb 1995 15:01:39 -0500
Message-Id: <950227150138_33881513@aol.com>
Subject: Lead in Solder

For guys who do a lot of soldering, do you think there is a significant bio-hazard to soldering with mixtures that use lead?

After years of using lead, this occured to me. So I went to Radio Shack, and noticed a tin/silver mixture. I tried it, but it doesn't work as well.

Interested in your thoughts,

73,

Rob, WA3ULH

From owner-qrp-l@netcom.com Mon Feb 27 18:44:37 1995
From: RobCap@aol.com
Date: Mon, 27 Feb 1995 16:12:26 -0500
Message-Id: <950227161225_33955656@aol.com>
Subject: Lead/Formaldehyde

For guys who do a lot of soldering, do you think there is a significant bio-hazard to soldering with mixtures that use lead?

After years of using lead, this occured to me. So I went to Radio Shack, and noticed a tin/silver mixture. I tried it, but it doesn't work as well (but it does work, just doesn't flow as nicely.)

Both solders use flux, of course, and I noticed a warning on the solder warning label that flux breaks down into formaldehyde when heated, and that it may cause cancer.

Do any of you take precautions, as with ventilation or masks?

Interested in your thoughts,

73,

Rob, WA3ULH

From owner-qrp-l@netcom.com Mon Feb 27 22:53:12 1995
Message-Id: <199502280042.TAA01204@jfwhome.funhouse.com>
Subject: Re: Lead/Formaldehyde
Date: Mon, 27 Feb 1995 19:42:47 -0500
From: "John F. Woods" <jfw@jfwhome.funhouse.com>

> For guys who do a lot of soldering, do you think there is a significant
> bio-hazard to soldering with mixtures that use lead?

Somewhere around this heap here I have a photocopy of an article from an industrial safety magazine about soldering. The short answer is: lead does *not* evaporate at soldering temperatures; breathing soldering fumes does not result in any lead hazard. Lead oxide, the soft black layer that forms on solder (to see it, take a length of solder, and draw it through a Kleenex; the black stuff that invariably rubs off is lead oxide), represents a serious lead hazard if *ingested*, and invariably ends up on your hands while handling it. Wash your hands thoroughly with soap and water after soldering, and all of the lead oxide will be removed.

The fumes from burning rosin can aggravate asthma and other lung conditions; they recommended using adequate ventilation to draw the fumes away from the person(s) doing the soldering. As I recall, there isn't much in the way of particulates in solder fumes, so masks aren't helpful.

> Do any of you take precautions, as with ventilation or masks?

Yes. I take one hit off of the soldering fumes, just to get the full experience, then I keep my nose away from the solder as much as is practical. Sometime I'll get around to rigging up a small fan...

From owner-qrp-l@netcom.com Mon Feb 27 21:47:40 1995
From: ab4el@cybernetics.net (Stephen Modena)
Message-Id: <9502280123.AA21484@cybernetics.net>
Subject: Lead/Formaldehyde...glue-heads
Date: Mon, 27 Feb 1995 20:23:10 -0500 (EST)

>
> For guys who do a lot of soldering, do you think there is a significant
> bio-hazard to soldering with mixtures that use lead?

Significant bio-hazard...for ham radio solder ops? No. How about the mercury amalgem your dentist fills your teeth with...ready to switch to cermanic...for 100X the price?

>
> After years of using lead, this occured to me. So I went to Radio Shack, and
> noticed a tin/silver mixture. I tried it, but it doesn't work as well (but

> it does work, just doesn't flow as nicely.)

Maybe what you want is lead-tin-silver eutectic...solders nice and
flows better.

>
> Both solders use flux, of course, and I noticed a warning on the solder
> warning label that flux breaks down into formaldehyde when heated, and that
> it may cause cancer.

Ah, yes: formaldehyde *causes* cancer. Well, yes it can, via modified
DNA. On the other hand, were it readly delivered, formaldehyde would be
used to "cure" a certain form of leukemia...but an ammonia-formaldehyde
derivative is used instead. :^)

How significant is the *small* amount of formaldehyde released during
soldering? Conpare this: how much formaldehyde exposure has every
U.S. medical doctor had dissecting a cadaever?

The warning on formaldehyde really applies to chronic long term exposure:
biologists and doctors working with formaldehyde *solutions* of *high*
concentration...and also you people with certain types of blown in
wall insulation in your homes.

When in doubt, ask to see the daily long term exposure ppm (parts-per-
million) allowance by OSHA. Home soldering isn't even on scale....
for lead or formaldehyde.

>
> Do any of you take precautions, as with ventilation or masks?

Sure, put a window fan near you on the bench.

If you are into masks, ask for a mine safety equipment distributer...
they have multipurpose cartridges that can remove almost anything you
can think of...for an appropriate price. :^)

I don't know about you people, but I blow on my soldering iron tip
while soldering...a matter of reflex to the "smoke."

It is hypothesized that Issac Newton went beserk-senile at the end of
his life because he loved to smell the vapors of molten antimony.
Apparently it's habit forming. Who said glue-heads are a modern
phenomenon?
--
73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From owner-qrp-l@netcom.com Mon Feb 27 18:48:15 1995

Message-Id: <9502271626.AA05526@garnet.inel.gov>
Date: Mon, 27 Feb 1995 09:27:47 -0700
From: LVE1@inel.gov (Larry East)
Subject: March Issues of QST Available

Never did see this posted (sent it out last Wednesday), so will try again...

I have three (3) extra issues of the March '95 issue of QST available on a first-come first-gets-em basis -- $2 (ea) to cover mailing in the US; $3 for overseas surface mail (not sure about Canada, but $2 will probably cover it). Send me an email note if you want one, and I'll hold it for you. Note that the news-stand price is $4.95.

_____
"Any opinions expressed herein are my own and probably do
not agree with those of my employer, the U.S. Government
or my spouse"
--... ...--
Larry V. East (W1HUE)
Idaho Falls, ID
e-mail: LVE1@inel.gov
Packet: W1HUE@WT7B.ID.USA.NOAM
work: (208) 533-4005 home: (208) 529-2162

From owner-qrp-l@netcom.com Mon Feb 27 15:16:03 1995
Message-Id: <199502271745.AA08837@zia.aoc.nrao.edu>
Date: Mon, 27 Feb 1995 10:45:46 -0700
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: MFJ mod: dummy load in ant. tuner

Yet another stupid mod to the MFJ's (de NA5N)

ADDING A DUMMY LOAD TO MFJ-971 PORTABLE ANTENNA TUNER
(The Antenna Tuner provided with the Integrated Station)

>From the schematic, note INDUCTANCE switch position L has no connection to remove the inductance from the circuit. Inspecting the unit, note that position K terminates about 1/2 turn from the coils' ground end. I snipped off the position K wire from the inductance switch to the coil.

Now note the bus wire that comes from the input connector/SWR PC board to the ANTENNA variable capacitor. I soldered 4 200-ohm 2-watt carbon composition resistors in parallel between INDUCTANCE switch position L terminal and the bus wire going to the ANTENNA variable capacitor. Thus, INDUCTANCE switch position L now grounds the resistors, placing the dummy load into the circuit; position K is open to completely remove the inductance (what position L previously did). In the dummy load position,

the power and swr meter readings reflect the dummy load.

NOTE 1: Position L is at very bottom of the switch. It was a bit difficult
getting the soldering iron in there to solder the resistors to
the switch. You might consider clipping the wire on position K
from the coil (but not the switch) and extending it to more easily
solder the resistors to. The dummy load would then be position K!
NOTE 2: Since this does NOT disconnect the ANTENNA capacitor from the circuit,
some leakage power will pass through to the antenna. I measured
about 100mW (with 5W output power). Therefore, for any extended
transmitting into this dummy load, disconnect the antenna to ensure
you are not radiating.
NOTE 3: The ANTENNA capacitor will have some minor effect on the SWR reading.

The intent of this mod was to have an easily switchable, APPROXIMATE 50-ohm load on the transmitter for short periods sufficient to check output current and hence the condition of the batteries before engaging in a QSO. Since the tuning caps are still in the circuit, this dummy load will have some reactance.

Have fun and enjoy
Paul NA5N (pharden@nrao.edu)

From owner-qrp-l@netcom.com Mon Feb 27 11:07:58 1995
Date: Mon, 27 Feb 1995 08:47:16 -0500 (EST)
From: prvalko <prvalko@vela.acs.oakland.edu>
Subject: MFJ-9040 available for trade
Message-Id: <Pine.3.89.9502270816.C19037-0100000@saturn.acs.oakland.edu>

Now that I've built my NorCal 40a, I'd like to see if anyone wants to swap their mint condition MFJ-9080 for my mint condition 9040?

My 9040 is an older unit though, I never got around to ordering the new caps to cure drift and the RIT control does not have a center detent.

Will sell outright for $125 including shipping.

73 =paul= wb8zjl

From owner-qrp-l@netcom.com Mon Feb 27 10:07:24 1995
From: RobCap@aol.com
Date: Mon, 27 Feb 1995 07:52:47 -0500
Message-Id: <950227075244_33538601@aol.com>
Subject: Miles Per Watt Trials

During the past few weeks, I have been working with KW1C, Marty, in Ft. Kent,

Maine on miles per watt trials. Yesterday, on 2-27-95 at 2140 UTC, we achieved a QSO running 61 microwatts over a path of 950 miles on 20 meter CW. This works out to 15.6 million miles per watt.

Ft. Kent is in northern Maine, along the border with Canada. Coordinates are as follows:

Chapel Hill, NC 35 deg, 55' N; 79 deg, 2' W

Ft. Kent, ME 47 deg, 15' N; 68 deg, 35' W

Equipment was a Sierra, outfitted with an external power pot, and a bank of built-in 10 dB switch attenuators. Measurement was with an OHR wattmeter into a Tektronix scope. (At microwatt levels, there is no movement in the OHR wattmeter.)

QSO's were on sked, so to count as a valid QSO, KW1C was required to successfully copy a four letter word, and we exchanged signal reports.

Present in the shack was guest operator AD4VA, who created the sample words upon his arrival to the session, double- checked the equipment configuration, and verified copy of the word.

We began the session with my "QRO" power at 95 milliwatts, under which KW1C gave me a 589, which is not bad for 10,000 miles per watt. After the session I went up to full power on 20, which was 1.3 watts, and my signal was peaking at S-9 +20 dB. I imagine that Marty and I have a perfect QTH separation for a single hop on 20 meters.

KW1C struggled to copy at 61 microwatts, and asked me to repeat it many times. QRM was sporadic, and he frequently broke in to instruct me to stand-by. Signal report was a 439. My next power level was at 37 microwatts, and Marty had negative copy at this level.

My antenna is a Cushcraft A3-S tribander at 30 feet with a slight hill obstruction to the NE. Marty is using a 4-element monobander at 65 at 1000 feet above sea level, with a straight shot to the SW.

I will be submitting the QSO to ARCI for a miles per watt endorsement.

72,

Rob, WA3ULH

From owner-qrp-l@netcom.com Mon Feb 27 12:50:57 1995
Date: Mon, 27 Feb 1995 10:12:45 -0500 (EST)
From: prvalko <prvalko@vela.acs.oakland.edu>
Subject: Re: Miles Per Watt Trials

Message-Id: <Pine.3.89.9502271045.B22650-0100000@saturn.acs.oakland.edu>

On Mon, 27 Feb 1995 RobCap@aol.com wrote:

> stand-by. Signal report was a 439. My next power level was at 37
> microwatts, and Marty had negative copy at this level.
>
> My antenna is a Cushcraft A3-S tribander at 30 feet with a slight hill
> obstruction to the NE. Marty is using a 4-element monobander at 65 at 1000
> feet above sea level, with a straight shot to the SW.

What an incredible story, and yet it happened! Congrats.
Hmmmmmmm... WHO will be first to bring up the ol' Effective radiated power and effective receive gain argument this time? Opps! It's *ME* !

Here's one that hit me the other day on the repeater... I was discussing the NorCal40a and one of the fellas said he wanted to run 5 watts, as opposed to the 2.0 I adjusted my 40a as... SHEEZE.

5 watts - 2 watts - 63 microwatts... the idea is to have fun, and I think, on the whole, QRP ops HAVE MORE *FUN* !!!

73 =paul= wb8zjl

HEY! when's my QRP+ gonna be here, it's been three DAYS!!!

From owner-qrp-l@netcom.com Mon Feb 27 21:29:57 1995
From: RobCap@aol.com
Date: Mon, 27 Feb 1995 14:57:50 -0500
Message-Id: <950227145749_33877801@aol.com>
Subject: Re: Miles Per Watt Trials

Thanks for the note. No doubt about it, I don't see how we could be up above 15 million miles per watt without a boost in ERP. In this case, I also think that we are an ideal single hop away on 20 meters, and might also have perfectly matching antennas in terms of take-off angles. A lot has to go right to make a QSO at this level.

Yes, for me QRP is not so much the quest for a "world record", but rather the quest to have fun, and to do neat things. And I've had great fun experimenting with miles per watt.

On one end of the spectrum, I'd love to see what two stations could do with rhombics or beverages pointed at each other, by way of extraordinary new miles per watt achievements.

At the other end of the spectrum, I love going out to the park with my fishing tackle box of stuff, my "walking stick" vertical antenna, and my solar panel, and making a few contacts. Field Day is particularly fun for me.

The common denominator for me is experimentation and fun.

I will say, that I am a dual nature QRP'er. I get a kick out of the small rig packaged in nifty travel enclosures, and portable antenna work (and have built a walking stick vertical and a nifty miniature loop, both to break the size barrier). But I am not at all troubled by guys running microwatts into monster antennas to see what they can accomplish.

Both are QRP at their finest, and in my opinion equally noble. They're all interesting facets of the sport.

The real question is, if I can work 308 DXCC countries barefoot, almost 200 countries at 5 watts, and get a 599 +20 report 1000 miles away at 1 watt, why would I ever want to own a linear? Not only totally unnecessary, it seems a linear is truly counter-productive to the element of sport. I also believe linears are somewhat of a shock/burn hazard with small children in my home, and potentially a long term bio-hazard.

Thanks again for your note.

73,

Rob, WA3ULH

From owner-qrp-l@netcom.com Mon Feb 27 04:12:19 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: N0OCT coming to Rockville MD
Date: Sun, 26 Feb 95 22:47:30 EST5EDT
Message-Id: <1995Feb26.224730.10776@wb3ffv.ampr.org>

I called up the Ramada Inn in Rockville (301-881-2300); they said they are at 1775 Rockville Pike, so should be easy to find; as I recall, that's the big road out of DC (AKA MD Route 355?). Said it's across the street from Crown Plaza. Don't have any firm plans; guess we'll meet near the front desk and work it out from there, perhaps going to a nearby pizza place or something. Someone needs to bring along a big cardboard sign that says "N0OCT" and we can hold that or put it on our table, to simplify meeting. 73 and Queue Our Pea DE WA8MCQ
--
Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Mon Feb 27 16:30:03 1995
Message-Id: <199502271648.AA05948@zia.aoc.nrao.edu>
Date: Mon, 27 Feb 1995 09:48:17 -0700
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: New lithium battery

Picked this up on our inhouse physics update. Thought you might find
it interesting. I could go for a 600 watt-hour battery for my MFJ's!

PHYSICS NEWS UPDATE   physnews@aip.org
Number 215 February 24, 1995   American Institute of Physics

THE DEVELOPMENT OF LIGHTER BATTERIES would please
anyone who drives an electric car or uses a laptop computer.
Heretofore the battery type with the best gravimetric energy density
(stored energy per battery weight) is one that uses a lithium cathode
and a lithium compound anode. A new lithium battery developed at
Tokyo University uses a lithium metal anode and a cathode consisting
of a composite of two organic materials (dimercaptan and
polyanilene). At peak performance the organic-cathode battery had
an energy density of more than 600 Watt-hours per kg, compared to
an equivalent density of about 400 for the most sophisticated
commercially available lithium battery, one using a LiCoO2 cathode.
The new battery retained 80-90% of its original energy storage
capacity even after 100 recharging cycles. (N. Oyama et al., Nature,
16 February 1995.)
27 de Paul NA5N   (QRP op with dysflexia)

From owner-qrp-l@netcom.com Mon Feb 27 17:22:46 1995
Message-Id: <n1418225270.39294@msmailgw1.arlut.utexas.edu>
Date: 27 Feb 1995 14:59:23 -0600
From: "rohre" <rohre@msmailgw1.arlut.utexas.edu>
Subject: No Ant. apts./portable vertical helixes

You have two challenges!
First, don't give up on the apartment with all the e-field sources around you.
 Sounds like a FB place to put the AEA or MFJ magnetic small loops to work; or
hombrew one per the handbook articles ARRL has had. An acquaintance near here
has presented a very convincing program that these small loops work well given
that they have narrow tuning, but some antenna at home is better than none.
Also, if you are QRP, you might consider loops or dipoles taped to walls or
ceiling, or draped on curtain rods at window or patio door. You would be
surprised what you can work. Gamma matching a patio door aluminum frame and
going thru a tuner, would give an interesting loop. Perhaps you could feed
both the movable and fixed frames.

Now, for your portable antenna. Bruce Williams father of the MXM Industries QRP rigs and transceivers always demos at ham fests with a PVC pole just outside with two of those S. Carolina Firesticks, (helical verticals), mounted to form a vertical dipole. It forms a great easy to erect and take down portable antenna. You could do the same with home brew ones. You could even homebrew one and tap it like an Outbacker, that is all they are, is a helical spiral of wire around a stout core. I have one I use portable with a clamp device that will screw onto porch rails, backs of folding metal chairs or what have you for demos of various antenna test hardware at programs, etc. The clamp has a 3/8-24 insulated base insulator for screwing in the mobile ants., and a female coax connector on the bottom for the feedline.

Back to the magnetic loops. Most people overlook one of their BIG advantages. By ignoring the electric field which is most of the noise we hear on dipoles and such; they actually improve our signal to noise ratio on receive by lowering the noise floor. Thus, even if the signal is low level, it may be in the clear, if you remove the suburban e-field noise so typical of many ham locations today.

From owner-qrp-l@netcom.com Tue Feb 28 00:51:33 1995
From: Byron8LCZ@aol.com
Date: Mon, 27 Feb 1995 19:52:57 -0500
Message-Id: <950227195255_34198755@aol.com>
Subject: Oak Hills QRP Watt meter WM-1

heres another mod for the Oak Hills QRP watt meter:

add a 9v regulator and an external power jack (for 12 vdc), run the meter off of your 12 volt power supply while at home, when you go portable, you unplug the pwr supply, and the 9 volt battery is automatically connected. a 12 vdc reed relay is wired to switch the ext power to the meter whenever 12 vdc is pluged in. it switches back to the 9v battery when the p.s. is unplugged. use a 12 vdc spdt reed relay.

You still need to remember to turn off the meter. i dont like auto off circuits, they drive me crazy. putting two 9v batterys in parallel is also an option if you want longer life. the 1.5 v LED sounds like a good idea.

From owner-qrp-l@netcom.com Mon Feb 27 16:22:27 1995
From: RobCap@aol.com
Date: Mon, 27 Feb 1995 09:23:36 -0500
Message-Id: <950227092334_33584987@aol.com>
Subject: QSO to Ft. Kent, Maine

As a postscript to my microwatt QSO to Ft. Kent, Maine, weather conditions were as follows:

Ft. Kent, ME: 30 inches fresh snow, temp in single digits. Marty borrowed

his friend's snowblower to clear his 150-foot driveway.

Chapel Hill, NC: 70 degrees, sunny.

73,

Rob, WA3ULH

From owner-qrp-l@netcom.com Mon Feb 27 03:00:37 1995
From: ab4el@cybernetics.net (Stephen Modena)
Message-Id: <9502270534.AA28591@cybernetics.net>
Subject: SSB QRP Fox Hunt: TUE 28 FEB E.S.T.
Date: Mon, 27 Feb 1995 00:34:43 -0500 (EST)

! ! ! !   SSB QRP Fox Hunt -- TUE. 28 FEB E.S.T. ! ! ! !

Please note that 40 M is *not* part of the schedule.

I'm doing the band switch differently this week. Pay attention! :^)

09:00-09:30 PM EST   1.840-1.860 MHz   (160 M)

09:30-10:00 PM EST   3.780-3.788 MHz   (75 M)

10:00-10:30 PM EST   3.900-3.910 MHz   (75 M)

10:30-11:00 PM EST   1.840-1.860 MHz   (160 M)

Yes, the 160 M segment is 20 KHz wide...easy searching.

This scheme places the 75 M segment in the same slot as recently.
The band seems to be long by that time...actually works *against*
the East Coast stations...where have the trans-Mississi River
stations been?

The first 160 M segment is for close in work: this will favor the
East Coast. The second segment, later, is for the farther out
stations. :^)

Yes, really! I just tried out the band at 11:45 pm est. Florida
gave me S9+10 and Ontario gave me S9+20...that's for me running
10 watts PEP, which I will do on the run (5 watts on 75 M).
I heard LX1NO working east coast stations: 59. I read the mail on
another guy who worked a VK5 during the 160 M contest this past
weekend.

CU Tuesday!

--
73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From owner-qrp-l@netcom.com Mon Feb 27 17:51:56 1995
Message-Id: <9502271657.AA05998@garnet.inel.gov>
Date: Mon, 27 Feb 1995 09:58:36 -0700
From: LVE1@inel.gov (Larry East)
Subject: T-Kit Speech Processor

I recently put together a speech processor kit from "T-Kit", the kit making subsidiary of Ten-Tec. This is a little PC board with two op amps and miscellaneous other parts -- probably the best $9 bargain around! It works great, but there are two minor errors in the schematic/board layout that anyone else who has built/will build the kit should be aware of: Capacitors C9 and C10 are shown with reversed polarity! Just goes to show that even the experts ain't perfect... The reversed caps do not keep the device from working, but C9 being backwards does result in low bias on the positive input of U2B and could lead to premature failure of the cap. The effect of C10 being backwards will depend on what is hooked to the processor output (actually, it would be best to use a non-polarized cap for C10). I sent a letter off to "T-Kits" pointing out the boo-boo.

I installed the speech processor in by Ten-Tec 509; haven't gotten any on-the-air reports on it yet, but bench tests indicate that it works great. I had to make some minor changes for compatibility with the 509; if anyone is interested in what they were, send me e-mail "off line".

   ____
   "Any opinions expressed herein are my own and probably do
    not agree with those of my employer, the U.S. Government
                         or my spouse"
                         --...   ...--
                    Larry V. East (W1HUE)
                       Idaho Falls, ID
                    e-mail: LVE1@inel.gov
                 Packet: W1HUE@WT7B.ID.USA.NOAM
          work: (208) 533-4005   home: (208) 529-2162

From owner-qrp-l@netcom.com Mon Feb 27 18:09:29 1995
From: N5EM@aol.com
Date: Mon, 27 Feb 1995 12:47:01 -0500
Message-Id: <950227124700_33746810@aol.com>
Subject: Re: Ten Tec Minimum/Argonaut

I have to take exception to Brian's feelings. Minimuns are a bother, but the reality is that to handle an order today cost a finite amount. It's just not

profitable to take small orders unless you are equipped with extremely low overhead to do it. (Dan's Small Parts, maybe). I appreciate that Ten Tec has kits priced at $9.00. I certainly wouldn't want them pricing it at $15 because that is the minumun order they can profitably handle. Further, it allows me to receive better value, even though I may have to order something else.

Come on, folks. We built this country based on free enterprise. Thanks a million to those folks at ham radio suppliers who continue to supply us the toys we want, many at very reasonable prices. They have to stay in business or they do us no good. Please be considerate of a supplier who has determined what makes good business sense. If they feel they must have a minimum order, try to respect that. If they make a big mistake, they pay a price in reduced orders and, ultimately, non-existence.

I have great respect for anyone who stays in the ham radio business. Lets face it. Hams can be a "frugal" bunch. (You might say that they are a bunch of cheap suckers.) To be able to sell to this market consistently over the years, like Ten Tec has managed to do is an accomplishment. Now, don't get me wrong. They have missed the mark for the QRP community more than once. But those have been product decisions driven by the business. There new kit business has the potential of returning a strong player to the market. Look over what they have in their kit catalog. Some neat stuff at very nice pricing. I hope they can continue to do that.

What I don't see is the Argonaut coming back. If you are thinking that you could buy an Argo 515 for about $300, I am afraid you are dreaming. I don't believe they can produce anything with the multiband, CW/SSB capabilities of the original 515 for less than $500 . And, even if they did, would you really want a 515? If you never had the pleasure of one, I can tell you that they were neat (had a 509 myself). Except for the receiver, which had a 3rd order intercept point of about -20 dbm. Terrible, by today's standards. Give me a QRP Plus any day! Times have changed. I might pay $100 for an NE602 based SSB kit, but I expect a BUNCH more for $500+.

Sorry to get so verbose, but we need to keep a realistic attitude about those in the ham radio business. They are important to us. And, they are big folks. They can take care of themselves. Just try to respect their business decisions and think twice about flaming them for it. You always have the personal choice of not buying from them.

72/73

Ed Manuel - N5EM
n5em@aol.com
Houston, Texas

QRP - Its a state of mind, not just a power level.

QRP ARCI #4914, G-QRP #1243, NORCAL #498

From owner-qrp-l@netcom.com Mon Feb 27 02:47:02 1995
Date: Sun, 26 Feb 1995 22:50:40 -0700 (MST)
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: ten tec swl gennie kit
Message-Id: <Pine.SUN.3.91.950226224457.1330B-100000@ume>

Weekend project:

 my 8 year old (for past 3 days) got a ten tec regenerative
short wave reciever for his birthday. He put the whole thing togther
with dad watching very closely! Worked first time......a real blast to
watch his face light up as we tuned in the voice of equador! I was too
young to experience super regenerative radios so tuning was a new
experience for me.......I am amazed at the senstivity.
We used 30 feet of wire out the window, average hieght, 8 feet. It made a
huge difference in signal strength when we tapped into dads extensive
ground system......lots of signals.....time to add a bandspread and a
box! For $17 great fun for ham and harmonic alike....highly reccomended!

****
Dr. Rick Zabrodski BSc, MD, CCFP(E)   *   VE6GK
Email: zabrodsk@med.ucalgary.ca   * NorCal 519 ARCI 7099 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276   * "Power is no subsitute for skill"
****

From owner-qrp-l@netcom.com Mon Feb 27 04:17:39 1995
Date: Sun, 26 Feb 1995 23:12:52 -0500 (EST)
From: Jeff Shelton <jshelton@cais.cais.com>
Subject: Thanks and an antenna question . . .
Message-Id: <Pine.BSI.3.91.950226230627.17889A-100000@cais2.cais.com>

First, I'd like to thank everyone for the many recommendations on
transceiver kits, and especially for the warm encouragement folks
have offered me on my efforts to return to ham radio. The response
from you folks was fantastic!

Secondly, I'd like a little advice on portable antennas. My apartment
is a hopeless QTH, at least for the HF bands - ground floor of a brick
building with lots of structural steel, and no outside antennas are
allowed. Even if they were, my windows on one side face 440 volt

distribution lines and on the other, a row of heat pump motors! So what I figure to do, is just operate "portable" exclusively.

When I have enough time to get out to the woods, I figure on using a "slingshot" dipole in the trees. But I'd also like to have something I can use whenever I park my pickup in a nice electrically clear area. Since I want to work QRP, I'm trying to figure out what's the most efficient antenna that can somehow be fastened temporarily to my truck. I'm looking for something that can be thrown up and taken down fairly quickly. I won't move the truck while it's up, so wind resistance and such don't matter.

I'm trying to come up with something for 40 meters, that'll work better than the usual coil-loaded vertical. So far, I've had only one notion: to take two of those helically-wound quarter-wave whips usually used as verticals, and hook them together to make a helically-wound center-fed "dipole". I could then mount this horizontially on a support of PVC pipe about 8-10 feet above the truck bed. Any opinions on this? Any better ideas?

Many thanks, and 72/73 - Jeff

From owner-qrp-l@netcom.com Tue Feb 28 01:00:57 1995
Date: Mon, 27 Feb 1995 17:18:02 -0500 (EST)
From: prvalko <prvalko@vela.acs.oakland.edu>
Subject: Thursday pre-dayton party?
Message-Id: <Pine.3.89.9502271748.A11828-0100000@saturn.acs.oakland.edu>

I have an idea that more than a couple of us will be arriving in Dayton on thursday evening 4/27/95.

Does anyone have a good place to get together for a late dinner and maybe toss back a couple of frosties?

73 geez the pre-dayton anticipation is already starting =paul= wb8zjl

From owner-qrp-l@netcom.com Mon Feb 27 19:59:54 1995
Date: Mon, 27 Feb 95 12:38:36 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9502271838.AA28291@chuck.dallas.sgi.com>
Subject: Two Guys from Italy

For those of you who missed last Thursday's meeting at Two Guys from Italy Restaurant in MtView CA, you missed a good one. Ten guys showed up including a surprise visit from Doug Hendricks, KI6DS, and he brought extra copies of the latest QRPp, which is currently in the mail to over 1,000 people. Remember this is going second class mail, thus we are at the mercy of the Federal Government on this. :-)

I saw a special yesterday on TV whereby the US Government agencies are monitoring the internet. But we all knew this was going to happen. Where else can you get all the information of what is going on in the world?

Anyway, back to the subject. We met for about 2 hours and had good discussions. Present at the meeting were two brand new NorCal 40a's in the bags still and one which Dave Meacham, W6EMD, is putting on 80M with the 5W mod written up in the March 1995 issue of QRPp. He has just about all of it done.

I received my first NorCal 40a during the time I was in CA and picked it up at the office late Friday when I got back.

I've gotten resistors on it and will be slowly assembling it during the week between all the catchup work I've got piled up while I was gone. The board is another first class work of art. Great job NorCal and Wayne.

I stopped yesterday and K-Mart and bought two cans of Krylon Epoxy Enamel and I think the trade name is WonderWorks. Got the primer and a flat white color. Sprayed the case and panels this morning with the primer and will allow it to dry in the hot TX summer like day and then spray it later this evening during the last fox hunt with the Flat White. I chose this paint to see if Exoxy based paint would be more durable and harder then the regular enamel. It will be interesting to see how many different paint schemes we see at Dayton.

For those of you new to this group, The Northern California QRP Club has had three kits out so far in the last two years. The NorCal 40, the Sierra, and now the NorCal 40a. None of the kits are now available from NorCal, as they all sold out. The run on the NorCal 40a was 200 and all have been sold and are currently being shipped as we speak. Many, as you have noticed, have already gotten theirs. These are being shipped Priority Mail and get to the destination withing two days of being dropped off at the post office. Good show NorCal and Bob Dyer, KD6VIO,

who is in charge of shipping.

The second NorCal 40a that I have on order goes into the closet
with the unbuilt SB-104A from Heathkit. :-)

Doug pointed out at the meeting that some of the membership of
the club had not renewed and will be missing the current issue.
If you haven't sent in your **** $10 **** (note the price
increase) then you had better do so and there is no guarantee
that you will get the March Issue, as the club doesn't and
should not be expected to keep back issues. It is just too
expensive.

OH, while I'm thinking of it with the discussion of Ade's "History
of QRP". I paid $50 for my copy last year just to get a new copy
from someone who had it and didn't read it...... It's a definite
must for any QRP library. I think that someone outta be working
on a similar book for 1960 to 1994. It's a lot of work but darn
well worth it to keep the history alive and well.

My $0.02.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Mon Feb 27 23:04:09 1995
From: JimN0OCT@aol.com
Date: Mon, 27 Feb 1995 20:16:15 -0500
Message-Id: <950227201614_34226492@aol.com>
Subject: UnDayton......

Won't be there--never have been, either (not by my own choice mind you, there
are others here conspiring against me %^))

Since I will be taking my frustrations out by trying to kill hapless and wily
Turkeys, methinks it meet and right so to bring my trusty 40-40 (if'n it ever
arrives in the mail) or the venerable '509 out in the field (literally) to
try and work you QRP Day's Inn South types.

Will listen on the usual Bat Channel. Hear you on 40!

73, Jim N0OCT

From owner-qrp-l@netcom.com Mon Feb 27 12:27:51 1995
Message-Id: <199502271618.AA04474@zia.aoc.nrao.edu>

Date: Mon, 27 Feb 1995 09:18:40 -0700
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: Welcome AA2PF

I responded to your introduction message, but it bounced. Just wanted
to say hi,
Paul NA5N

From owner-qrp-l@netcom.com Mon Feb 27 04:46:19 1995
From: FOXG@WCSUB.CTSTATEU.EDU
Date: Mon, 27 Feb 1995 3:02:16 -0500 (EST)
Message-Id: <950227030216.2a008e66@WCSUB.CTSTATEU.EDU>
Subject: WM-1 mod

A while ago there was lots of talk about modifications for the OHR WM-1
QRP Wattmeter. For those just tuning in... though the WM-1 draws minimal
current from its 9v battery, it draws enough to drain the battery if you
forget to turn the meter off. Unfortunately, it's very easy to forget.
Most mods added an adaptation to allow 12v. My idea, implemented this
weekend, was a little different. I wanted to stay with the 9v battery so
I went to R/S and got a TLC555 which is a CMOS version of a 555 timer.
It draws minimal current and with a 1 megohm resister and 10 ufd cap for
timing, switches the wattmeter and an led (series with 4800 ohm resistor
and glowing at 1.5 ma) on for about two minutes at the touch of a button.
If I was really clever, I would have used the signal from my rig as the
trigger.
73, Geoff WA1U